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60282-025

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows. This listing of claims will replace all prior listings.

1. (WITHDRAWN) A high pressure fluid jetting system comprising:
a fluid cylinder pump;
a pressure assembly within said fluid cylinder pump, said pressure assembly comprising
an outer pressure member and an inner pressure member having an angled interference surface
therebetween; and
a plunger reciprocally movable within said pressure assembly.
2. (WITHDRAWN) The system as recited in claim 1, wherein said fluid cylinder
pump operates at approximately 50,000 pounds per square inch of pressure.
3. (WITHDRAWN) A pressure assembly for a high pressure fluid jetting system
comprising:
an outer pressure sleeve; and
an inner pressure sleeve, said outer pressure sleeve and said inner pressure sleeve
having an angled interference surface therebetween.
4. (WITHDRAWN) The assembly as recited in claim 3, wherein said inner pressure
sleeve is pressed into said outer pressure sleeve during assembly of the high pressure fluid jetting
system.
5. (WITHDRAWN) A valve seat assembly for a high pressure fluid jetting system
comprising:
an outer valve seat; and
an inner valve seat, said outer valve seat and said inner valve seat having an
angled interference surface therebetween.

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6. (WITHDRAWN) The assembly as recited in claim 5, wherein said angled interference surface is angled at a relatively small angle.

7. (WITHDRAWN) The assembly as recited in claim 5, wherein said inner valve seat is maintained in compression by said outer valve seat.

8. (CURRENTLY AMENDED) A seal cartridge assembly for a high pressure fluid jetting system comprising:

an outer seal cartridge;

an inner seal cartridge, said inner seal cartridge and said outer seal cartridge having an angled interference surface therebetween, said inner seal cartridge press fit into said outer seal cartridge; and

a packing assembly within said inner seal cartridge.

9. (ORIGINAL) The assembly as recited in claim 8, wherein said inner seal cartridge is maintained in compression by said outer seal cartridge.

10. (ORIGINAL) The assembly as recited in claim 8, wherein at least one corner of said inner seal cartridge includes a radius.

11. (ORIGINAL) The assembly as recited in claim 8, wherein at least one corner of said outer seal cartridge includes a radius.

12. (CURRENTLY AMENDED) The assembly as recited in claim 8, wherein said outer seal cartridge heated prior to assembly to compresses said inner seal cartridge.

13. (ORIGINAL) The assembly as recited in claim 8, wherein said packing assembly includes a multiple of non-metallic packings.

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14. (ORIGINAL) The assembly as recited in claim 13, wherein each of said non-metallic packings are ring-like members.

15. (ORIGINAL) The assembly as recited in claim 13, wherein each of said non-metallic packings are substantially square in cross section.

16. (CURRENTLY AMENDED) The assembly as recited in claim 8, wherein said packing assembly includes ~~an~~ a metallic inner diameter wedge ring adjacent ~~an~~ a metallic outer diameter wedge ring.

17. (CURRENTLY AMENDED) A packing assembly for a high pressure fluid jetting system comprising:

a multiple of non-metallic packings;
~~an~~ a metallic inner diameter wedge ring; and
~~an~~ a metallic outer diameter wedge ring adjacent said metallic inner diameter
wedge ring.

18. (CURRENTLY AMENDED) The assembly as recited in claim 17, wherein said ~~packing assembly includes a~~ multiple of non-metallic packings are adjacent said metallic diameter wedge ring.

19. (ORIGINAL) The assembly as recited in claim 17, wherein each of said non-metallic packings are ring-like members.

20. (ORIGINAL) The assembly as recited in claim 17, wherein each of said non-metallic packings are substantially square in cross section.

21. (NEW) The assembly as recited in claim 8, wherein said interference surface is substantially cylindrical.

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22. (NEW) The assembly as recited in claim 21, wherein said interference surface requires a temperature gap be created between said inner seal cartridge and said outer seal cartridge to permit assembly of said inner seal cartridge into said outer seal cartridge.

23. (NEW) The assembly as recited in claim 8, wherein said outer seal cartridge and said inner seal cartridge are substantially cylindrical.

24. (NEW) The assembly as recited in claim 8, wherein said outer seal cartridge and said inner seal cartridge are rotationally fixed by said interference surface.

25. (NEW) The assembly as recited in claim 8, wherein said packing assembly is rotationally fixed.

26. (NEW) The assembly as recited in claim 13, wherein each of said non-metallic packings are adjacent to each other.

27. (NEW) The assembly as recited in claim 13, wherein said metallic inner diameter wedge ring defines a first width and said metallic outer diameter wedge ring define a second width, said first width different than said second width.

28. (NEW) The assembly as recited in claim 8, further comprising a packing spring which engages said inner seal cartridge to bias said inner seal cartridge toward said packing assembly under pressure.

29. (NEW) The assembly as recited in claim 28, wherein said packing spring biases said inner seal cartridge against a multiple of non-metallic packings of said packing assembly.